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NEW BOOKS

AGRICULTURAL HANDBOOK FOR RURAL PASTORS AND LAYMEN; religious, economic, social and cultural implications of rural life, by T.E. Howard. 166 p. Natl. Catholic rural life conference, 1946. 281.12 H83

COMMERCIAL FERTILIZERS, THEIR SOURCES AND USE, by G.H. Collings. 522 p. Blakiston. 1947 57.2 C69 Ed.4
This new edition contains much new research information on plant nutrition, fertilizer practices, and fertilizer manufacture.

DDT AND THE INSECT PROBLEM by J.C. Leary, W.I. Fishbein and L.C. Salter. 176 p. McGraw-Hill 1946. 423 M47
Here is up-to-date information about the development application and the effectiveness of today's No.1 insect killer. Written in non-technical language, the book covers both large-scale uses (such as in crop protection and animal husbandry) and small-scale uses (as in elimination of household insects, destruction of garden pests, etc.) Instructions are given for handling DDT properly, and its chemical make-up is simply described.

ELEMENTS OF SOIL CONSERVATION, by H.H. Bennett. 406 p. McGraw-Hill 1947 56.7 B43E
A clear comprehensive treatment of the problems of soil erosion and soil exhaustion, providing tested methods for solving these problems. Written in concrete language and interesting style, it presents a vast amount of technical information and data. Most of the content is original material, presented here for the first time in textual form. Includes a bibliography of motion pictures and film strip training aids.

FARM MANAGEMENT by J.D. Black, Marion Clawson, C.R. Sayre. 1073 p. Macmillan 1947 281.12 B56F
An effort has been made to provide a textbook which is suited to the teaching of farm management in all parts of the United States. One of the authors knows best the farming of the Great Plains and the West, and has contributed information on farming in this region. The chapters on farm planning, valuation of farm property, irrigation farming, and sheep and cattle ranching will be of particular interest to readers in this area.

THE FEDERAL FIELD SERVICE, an analysis with suggestions for research, by Earl Latham and others. 70 p. Public administration service, 1947. 280.12 L34.

"Approximately 92 percent of the federal population is to be found in the field, not in agency headquarters... it is the field people of the federal agencies who meet the general public and impress it with the quality of service rendered or the fairness of controls exercised. It is in the field, also, that the federal government can acquire a bad reputation for poor performance in both service and regulatory functions."

Recognizing the importance of the field service this study is the first comprehensive attempt to define it as an area of research. Problems of organization and administrative services; problems which arise because administration work through people, and problems from the point of view of the chief executive are discussed in the twelve chapters of this outline.

THE FURROW AND US, by W.T. Jack. 158 p. Dorrance c1946. 56.7 J122
Not so long ago we were all reading Plowman's Folly which advanced the startling theory that there is no scientific reason for using the mold board plow. This new book on soil tillage methods refutes the argument of the earlier book and gives practical and scientific reasons for making a quick return to the earth of all residues.

GEOMORPHOLOGY, An introduction to the study of landforms. 505 p. 4th ed. Wiley. 1947. 331 C82G
An elementary discussion of geomorphology.

HISTORY AND MANAGEMENT OF MERRIAM'S WILD TURKEY, by J.S. Ligon. 84 p. Univ. of N.M. press. 1946

THE LAZY GARDENER, by W.C. Pryor. 221 p. N.Y. Longmans, Green and co. 1947 97 P95

Written in a leisurely and amusing style this little book is packed with practical information on growing flowers, vegetables, herbs - on landscaping and transplanting. The tone is that of a friendly back-fence neighbor, and every gardener will find much wisdom and humor as well as sound advice in this new book on gardening.

POULTRY SANITATION AND DISEASE CONTROL; the complete guide to sanitation and treatment of disease. 3d ed., rev. and enl. 485 p. Kaupp and Surface 1947 41 K163P Ed.3

RANGE LAND OF AMERICA AND SOME RESEARCH ON ITS MANAGEMENT, by L.A. Stoddard. The Faculty Assn., Utah State Agr. College, 1945. 60.1 St6R
A review of the field of range management and research findings at the Utah State Agricultural College.

THE RING-NECKED PHEASANT AND ITS MANAGEMENT IN NORTH AMERICA, edited by W.L. McAtee. 320 p. The American wildlife institute. 1945. 413 M11R
Prepared by 17 authors this book discusses the management of the pheasant from a geographical point of view. There is a wide variety of information on the life history, behavior, food, enemies, hunting practices and regulations in the different parts of the country. There are recommendations on successful rearing, and chapters on propagation, classification and history.

WESTERN FARM ECONOMICS ASSOCIATION. Proceedings of the 19th annual meeting.

Gearhart, Oregon. June 1946 243 p. 280.83 W53

Paper on: Multiple purpose water development.-Farm labor problems.-Economic classification.-Development and utilization of agricultural resources.-Utilization of economic information.-Agricultural marketing.-Farm management Rural health program.-Agricultural cooperatives.

WOODWORKING AND FURNITURE; repairs and utilities. 139 p. U.S. War department.

Technical manual No. 5-613 June 1946.

Covers construction of the more common pieces of furniture, and describes tools and techniques used in furniture repair. It also includes a brief discussion of the properties and uses of various types of wood.

NOTES

A new book on beekeeping is the HIVE AND THE HONEYBEE (424 G912) edited by Roy A. Grout. It is the successor of the classic "Langstroth on the hive and the honeybee", and it is the combined contribution of several authorities, each writing the part with which he is most familiar. Every phase of beekeeping is covered.

Another comprehensive volume on this subject is A.I. and E.R. Root's THE ABC AND XYZ OF BEE CULTURE (424 R67A) or if you want a brief, practical manual try C.P. Dadant's THE BEE PRIMER (424 D12) or FIRST LESSONS IN BEEKEEPING (424 D12Fi) by the same author.

In their E-series the Bureau of Entomology and Plant Quarantine has issued a number of interesting papers on beekeeping. A recent arrival is INFORMATION ABOUT BEE CULTURE (1.9 En83 E-276) which offers sound advice to the beginner... It lists books, pamphlets and periodicals, gives the names and addresses of bee supply houses and organizations in the beekeeping industry.

Volume 10 of the SOIL SCIENCE SOCIETY OF AMERICA PROCEEDINGS (56.9 So3 1945) has been received. There are articles on soil physics, soil chemistry, microbiology, soil fertility, soil technology, morphology and cartography.

We are also receiving the JOURNAL OF SOIL AND WATER CONSERVATION published four times a year by the Soil Conservation Society of America. Let us know if you wish to see this on circulation.

FEDERAL SCIENCE PROGRESS ceased publication with the June 1947 issue, and the CONSUMERS' GUIDE with the July 1947 issue.

The U.S. Coal Mines Administration of the Department of the Interior has just published a comprehensive report entitled A MEDICAL SURVEY OF THE BITUMINOUS-COAL INDUSTRY. It is the first Nation-wide medical survey of an industry

conducted under Government auspices. While it is confined to the coal industry the report will be of interest to all concerned with the health of the nation. The survey encompassed medical services and facilities, housing, and sanitation, recreation and use of leisure time. The volume is illustrated with many full and half page photographs.

Some of you have read, and others are waiting to read, THE COLORADO by Frank Waters (145 W31). The Bureau of Reclamation has prepared a report on the development of water resources of the Colorado River Basin for irrigation, power production, and other uses in Arizona, California, Colorado, Nevada, New Mexico, Utah, Wyoming. Ask for THE COLORADO RIVER "A Natural Menace Becomes a National Resource".

Several of our Forest Service readers have just "discovered" THE PINE TREE SHIELD by Elizabeth C. Flint (145.3 F64). It was published in 1943 and had many enthusiastic readers. One was Alva A. Simpson, Assistant Regional Forester, Division of Range Management who wrote:

"The Pine Tree Shield is a wife's appraisal of her husband's aspirations, impressions and experiences - remarkably true as to experiences, colored by wifely interpretations as to people. It is a real contribution to the literature portraying the early environment of the field Forest Service Personnel and as a record of the progress of conservation and forestry during the period of one lifetime."

Do you know the Southwest? Some of our readers do (we know for we have heard them talk about it) some don't - all of us could know more. Books can help - and they make mighty interesting reading partners!

You might begin with the Federal Writers Project GUIDEBOOKS. There is one for each of our states - Arizona, Colorado, New Mexico and Utah. Each one gives the history of the state and information about natural resources - the lands, mines and forests - the cities and the towns.

If it is history you want try Harvey Fergusson's RIO GRANDE (138 F38) or A PECOS PIONEER (138 B78) by M.H. Brothers or one of William A. Kehler's books about New Mexico THE FABULOUS FRONTIER (138 K271) or MAXWELL LAND GRANT (138 K27) and don't miss Joseah Gregg's COMMERCE OF THE PRAIRIES (125 G86). This journal of a Santa Fe Trader was written in 1844.

A picture of the West would not be complete without the stories of the cattle and the cattlemen. THE LOG OF A COWBOY (145.3 Ad1) by Andy Adams and PARTNER OF THE WIND (138 T39) by Jack Thorp are accurate and vivid accounts of cowboy life in the Southwest. THE LONGHORNS (43 D65) CATTLE TRAILS OF THE OLD WEST (135 P85) THE COLORADO RANGE INDUSTRY (43 P31) HISTORIC SKETCHES OF THE CATTLE TRADE OF THE WEST AND THE SOUTHWEST (135 M138) are all informative and readable.

NEW BULLETINS

- AIR DOGS FOR SMALL SAWMILLS. Reprint from Mich. Agr. Exp. Sta. Quarterly Bul. Vol. 29, no. 3.
- THE AJO MINING DISTRICT, ARIZONA. U.S. Geological Survey Prof. paper 209. 407 G29P
- BARLEY IN COLORADO. COLO. EXT. Serv. Circ. 150-A 275.29 C71c
- A CLOTHING CONSTRUCTION HANDBOOK. N.M. Ext. Circ. 212 275.29 N463E
- CODLING MOTH CONTROL. N.M. Agr. Exp. Sta. Bul. 338 100 N46Sb
- CONSERVATION AND LAND USE INVESTIGATIONS. Okla. Agr. Exp. Sta. Bul. B-309. 100 Ok4b
- DDT--FOR CONTROL OF HOUSEHOLD PESTS. U.S. Bur. of Ent. and Plant Quar. 1947. A DIGEST OF INFORMATION ON HEXAETHYL TETRAPHOSPHATE. USDA E-721 1947 1.9 En83.
- EXPERIMENTS WITH DDT FOR THE CONTROL OF THE GYPSY MOTH, PARTICULARLY WITH AERIAL EQUIPMENT. U.S.D.A. Bur. of Ent. and Plant Quar. E-726. 1.9 En83
- FARM LABOR REQUIREMENTS IN THE UNITED STATES 1939 and 1944. BUR. AGR. Econ. Fm59. 1947 1.941 L6F22
- FERTILIZER STUDIES WITH THE RED MCCLURE AND ELISS TRIUMPH VARIETIES OF POTATOES IN THE SAN LUIS VALLEY. Colo. Agr. Exp. Sta. Tech. Bul. 35. 100 C71st
- GOOD PASTURE FOR OKLAHOMA. Okla. Agr. Exp. Sta. Circ. C-125 100 Ok4c
- HARVESTING WITH COMBINES. USDA Farmers' Bul. 1761. Rev. 1947 1 Ag84F
- HOW TO CONDUCT A MEETING: PARLIAMENTARY PROCEDURE. Wisc. Ext. Circ. 275.29 W75Sc
- METHODS USED IN PLANTING BERMUDA GRASS ROOTS AT COALGATE PASTURE FERTILITY STATION. Okla. Agr. Exp. Sta. Misc. Pub. 10 100 Ok4
- NEW INSECTICIDES IN GRASSHOPPER CONTROL. USDA E-722 1947 1.9 En83
- A NEW TREATMENT FOR SCREWORMS IN LIVESTOCK. USDA E-708 Rev. 1947 1.9 En83
- PUBLIC RELATIONS FOR RURAL AND VILLAGE TEACHERS. U.S. Office of Educ. Bul. 1946, No. 17.
- RATS AND THEIR CONTROL. Colo. Ext. Circ. 145-A 1947 275.29 C71c
- A SPRAY FOR DESTROYING OVERWINTERING LARVAE OF THE CODLING MOTH ON APPLE TREE TRUNKS USDA E-712 1947 1.9 En83
- THE TREES AND YOU - A short chat about timber growing and sustained yield. Western For. and Cons. Assn. U.B. Trees.
- USES OF VARIOUS DDT FORMULATIONS FOR THE CONTROL OF INSECTS AFFECTING ANIMALS. USDA E-714 1947 1.9 En83
- UTILIZATION OF SURFACE-WATER RESOURCES SEVIER LAKE BASIN, UTAH. U.S. Geo. Survey Water-supply paper 920. 407 G29W
- WEATHER GLOSSARY. U.S. Weather Bureau W.B. No. 1445. 299 p. 1946
Lists words alphabetically and defines them as used in relation to meteorology. Designed to meet the general requirements for an American weather glossary.
- WILTING METHOD MAKES GOOD SILAGE FROM GRASSES AND LEGUMES. U.S.D.A. Research achievement sheet. R.A.S. 76. 1.98 D31.

BIBLIOGRAPHIES

- BIBLIOGRAPHY OF LITERATURE ON POTASH AS A PLANT NUTRIENT. Reviewed Sept. 1940 through Dec. 1940. Amer. Potash Inst., inc., March 1947. UB Biblio
- A LIST OF PUBLICATIONS ON BENZENE HEXACHLORIDE. U.S. Bur. of Ent. and Plant Quar. E-731. 1.9 En83.
- LIST OF PUBLISHED MATERIAL RELATING TO HOME BUILDING AND MAINTENANCE. U.S. National Bureau of Standards. Letter circular. 830.

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